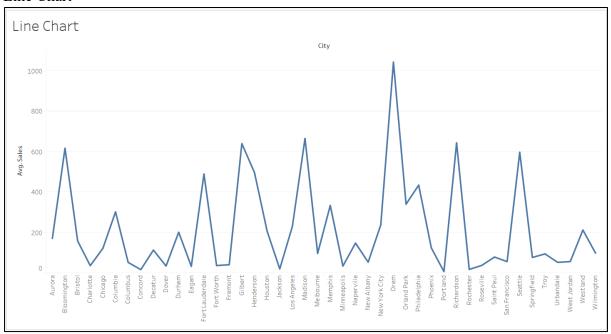
ASSIGNMENT – 2

NAME : SHAH JATIN MANOJ REGISTER NUMBER : 20BIT0387

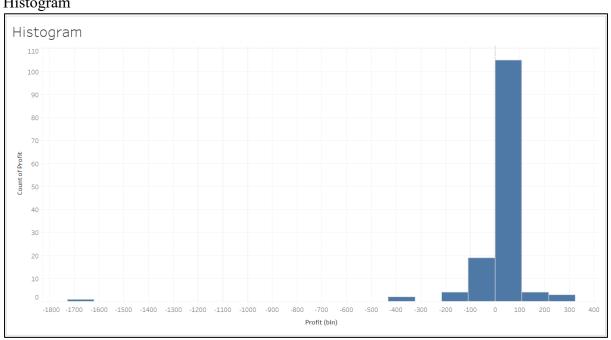
CAMPUS: VIT, Vellore

1. Create any 7 data visualizations/charts and perform the following

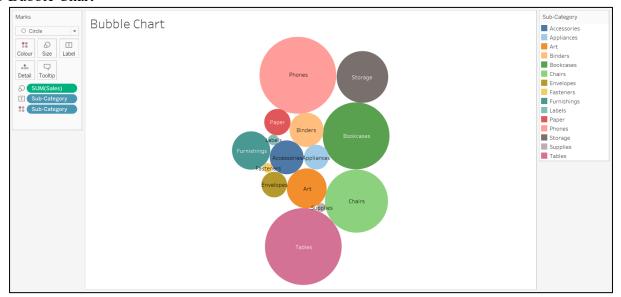
1.1 Line Chart



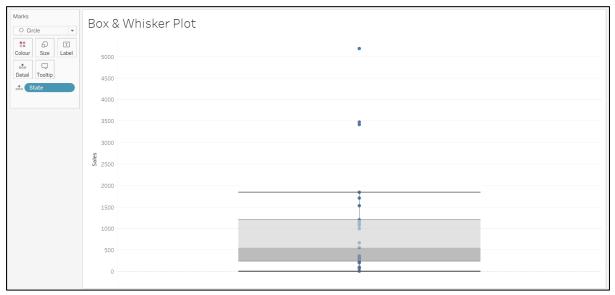
1.2 Histogram



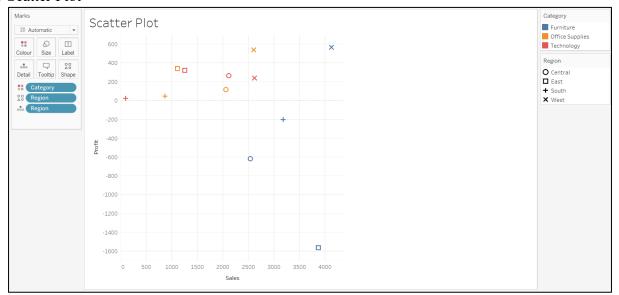
1.3 Bubble Chart



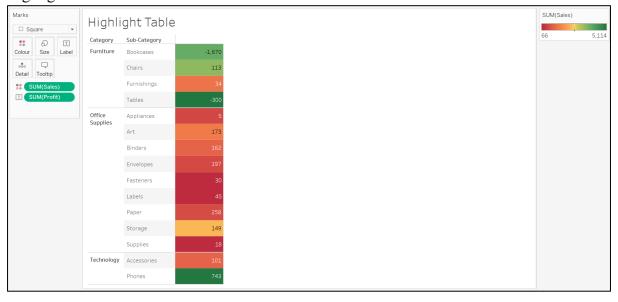
1.4 Box & Whisker Plot



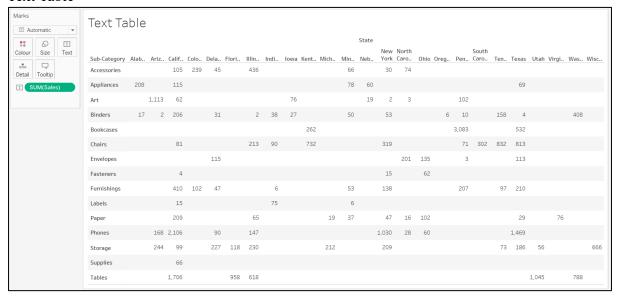
1.5 Scatter Plot



1.6 Highlight Table



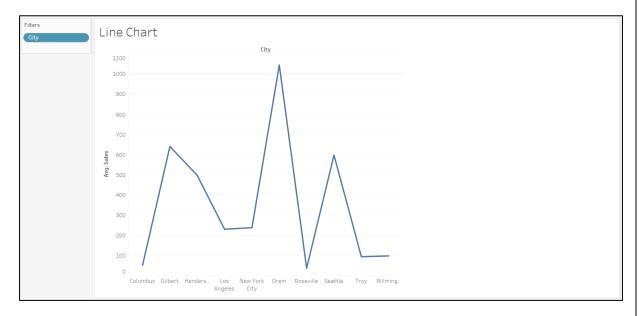
1.7 Text Table



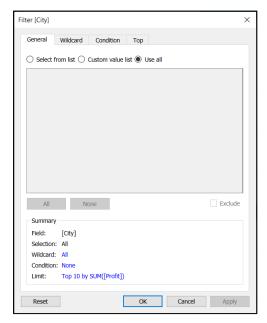
2. Apply dimension filter, context and measure filter on any of the three

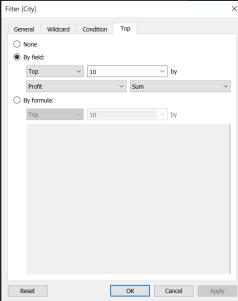
Visualizations

2.1 Dimension Filter



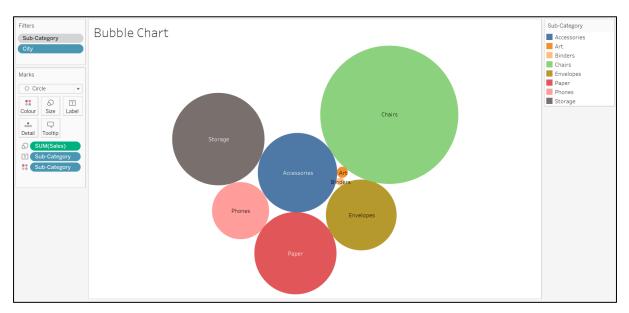
City filter



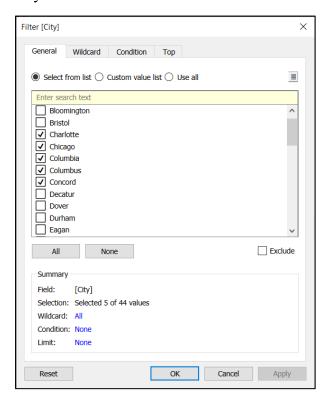


The filter is applied such that among all the cities, the top 10 cities by the sum of sales is selected.

2.2 Context Filter

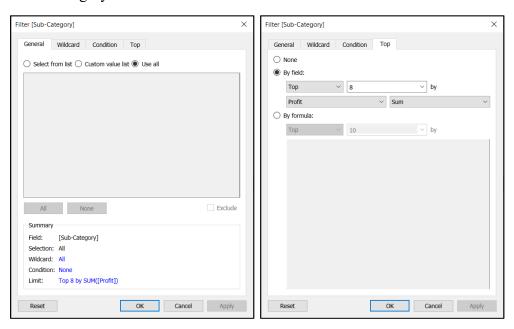


City filter



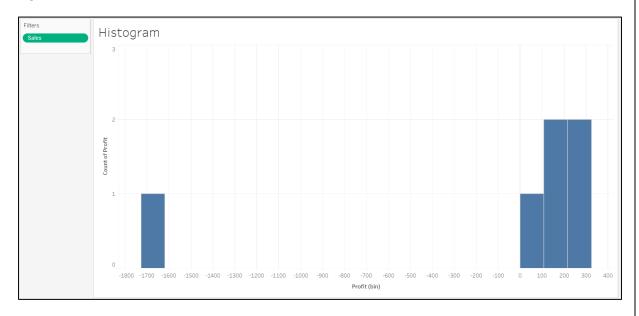
The filter is applied such that among all cities, cities whose name starts with 'C' are selected.

Sub – Category filter

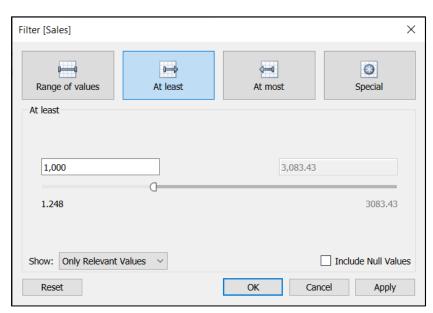


The filter is applied such that among all sub-categories the top 8 sub-categories by profit is selected. This filter is added to context

2.3 Measure Filter

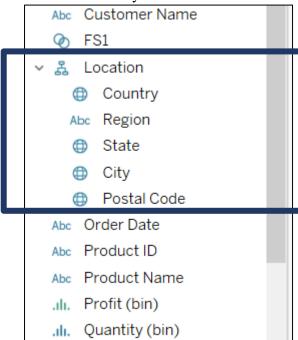


Sales filter



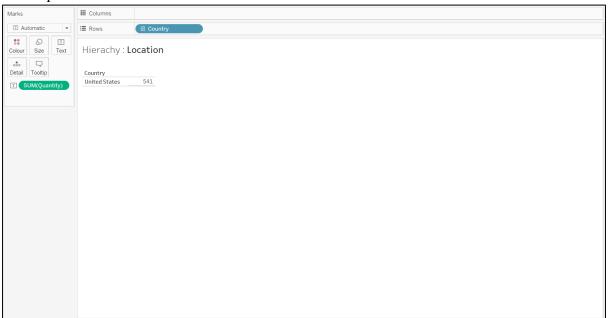
The filter is the sales value must be above 1000.

- 3. Perform the following data manipulations on your dataset
 - create a Hierarchy

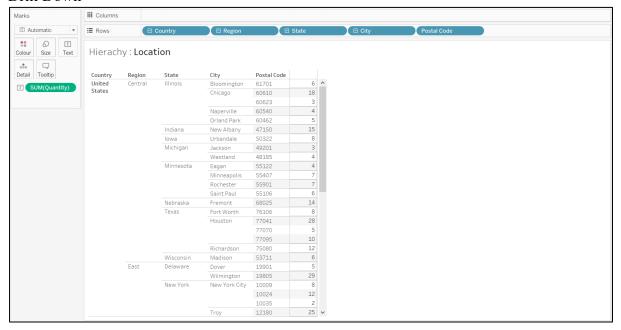


A Location hierarchy is created from Country, Region, State, City, Postal Code.

Drill Up

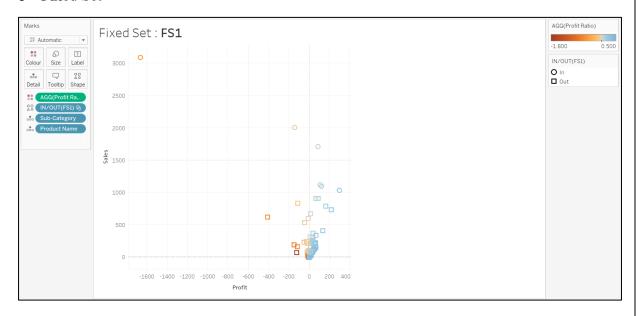


Drill Down



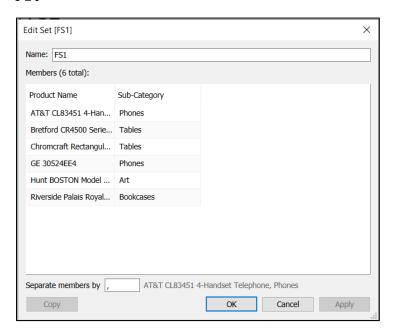
create a set

o Fixed Set

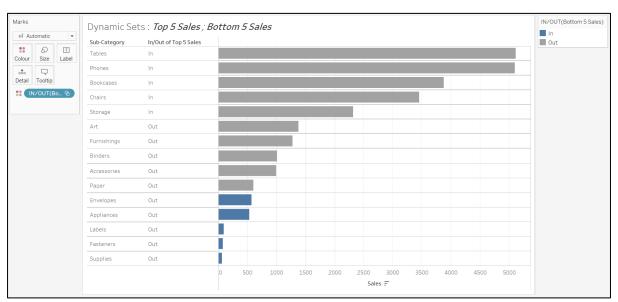


A FS1 fixed set is created by randomly selecting points from the above scatter chart.

FS1

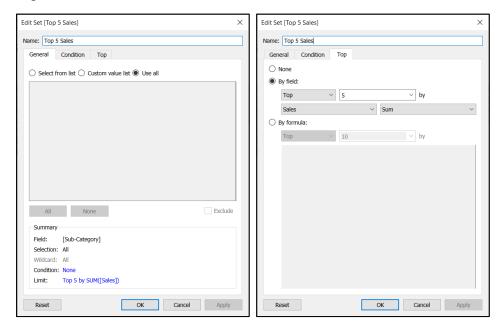


o Dynamic Sets



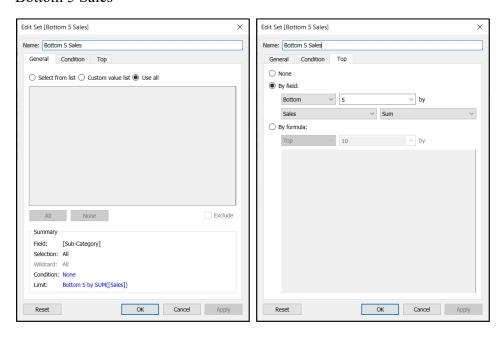
Two dynamic sets are created.

Top 5 Sales



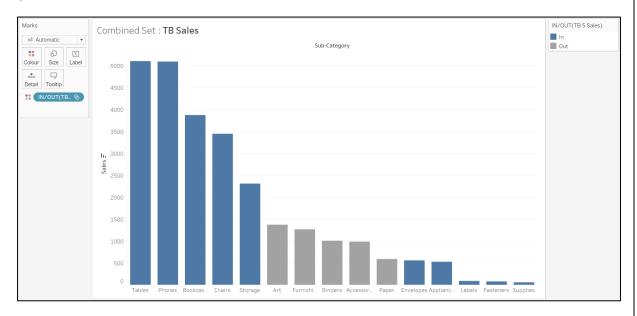
The **Top 5 Sales** set consists of top 5 sub – categories by sum of sales.

Bottom 5 Sales

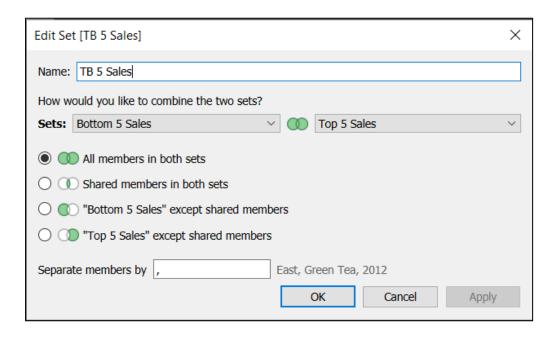


The **Bottom 5 Sales** set consists of bottom 5 sub – categories by sum of sales.

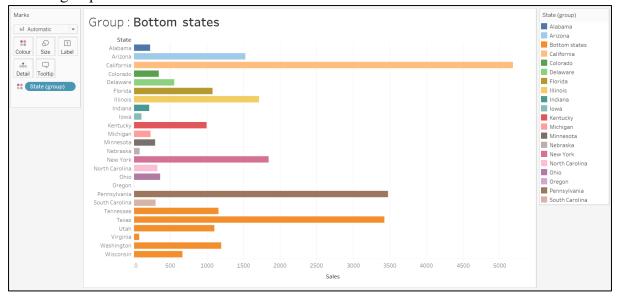
o Combined Set



A **TB 5 Sales** combined set is creating from every member of Top 5 and Bottom 5 Sales.



• create a group



A **Bottom States** group is created by the last 6 states by alphabetical order.

Bottom States

